



PATENTS  
112008-0027C1

JB  
EN  
7/23/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of: )  
John Abedor, et al )  
09/441,003 )  
Serial No.: 08740,637 )  
Filed: October 31, 1996 )  
For: ESTIMATING TAPE PACK )  
RADIUS USING A KALMAN )  
FILTER )

Examiner: Nguyen, John

Art Unit: 3653

Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
July 12, 2001

"Express Mail" Mailing-Label Number: EL 705 604 585 US

Honorable Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

AMENDMENT

This Amendment is filed in response to the Office Action dated March 13, 2001.

In the claims:

Please cancel claim 3 without prejudice.

Please amend the claims as follows.

1 . A system for measuring tape pack radii, comprising:

a tape supply reel, said tape supply reel rotating as a tape leaves said tape supply reel during a tape transfer process;

07/17/2001 HYUSUF1 00000014 08740637

02 FC:103  
03 FC:102

18.00 0P  
320.00 0P

1

09/441,003  
08740,637  
00000004 031237  
07/24/2001 ENDORHAN 18.00 CH  
01 FC:102  
02 FC:103



PATENTS  
112008-A0027C1

Honorable Commissioner of Patents and Trademarks  
Washington, DC 20231

**AMENDMENT TRANSMITTAL LETTER**

Sir:

Transmitted herewith for filing in the Patent Application of  
Inventor(s): John Abedor, et al

For: ESTIMATING TAPE PACK RADIUS USING A  
KALMAN FILTER  
Serial No.: ~~08/740,637~~ 09/441,003  
Filed: October 31, 1996

are the following papers:

- A response to the Office action dated March 13, 2001
- A petition for extension of time and check for \$110
- A check for \$338 to cover the fee for additional claims resulting from the response. The fee is calculated as follows:

**RECEIVED**

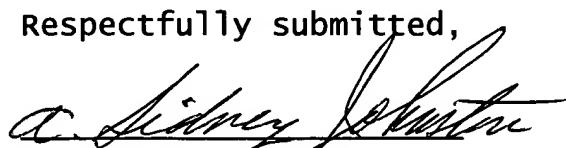
JUL 18 2001

TO 3600 MAIL ROOM

Total Claims Remaining after Amendment:.....	21
Less Highest Number of Total Claims Previously Paid for:.....	20
Difference.....1 × \$ 18 = \$ 18	
Independent Claims Remaining	
after Amendment.....	8
Less Highest Number of Independent Claims Previously Paid for.....	4
Difference.....4 × \$ 80 = \$ 320	
Multiple-Dependent-Claim Fee Required after Amendment and Not Previously Paid..... \$ 0	
Total of Above Calculations.....	\$ 338
Less Reduction for Small Entity .....	\$ 0
Total Due ..... \$ 338	

The Commissioner is hereby authorized to charge any other fees under 37 C.F.R. §§1.16 and 1.17 that may be required, or credit any overpayment, to our Deposit Account No..03-1237.

Respectfully submitted,

  
A. Sidney Johnston  
Reg. No. 29,548  
CESARI AND MCKENNA, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
(617) 951-2500

JUL 12 2001

O I P E  
JULY 106  
TRADEMARK  
SEARCHED  
SEARCHED  
INDEXED  
FILED**FEET TRANSMITTAL**

Patent fees are subject to annual revision on October 1.  
These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 448)

**Complete If Known**

Application Number	-06740,637 09/441,023
Filing Date	October 31, 1998
First Named Inventor	John Abedor, et al
Examiner Name	Nguyen, John
Group / Art Unit	3653
Attorney Docket No.	112008-0027C1

**METHOD OF PAYMENT (check one)**

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit

Account  
Number

03-1237

Deposit

Account  
Name

Cesari and McKenna, LLP

Charge Any Additional Fee  Charge the Issue Fee Set in  
Required Under 37 C.F.R. §§1.18 at the Mailing of  
37 C.F.R. §§1.16 and 1.17 the Notice of Allowance

2.  Payment Enclosed:

Check  Money  Other  
Order

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**FEE CALCULATION****1. BASIC FILING FEE****Large Entity Small Entity**

TO 3600 MAIL ROOM

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	35	Utility filing fee	
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)		0			

**2. EXTRA CLAIM FEES**

Total Claims	21	-	20**	=	1	x	18	=	18
Independent Claims	8	-	4**	=	4	x	80	=	320
Multiple Dependent									0

\*\*or number previously paid, if greater; For Reissues, see below

**Large Entity Small Entity**

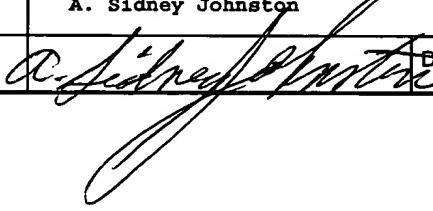
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		338		

**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code (\$)	
105	130	205	65 Fee Surcharge - late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet
139	130	139	130 Non-English Specification
147	2,520	147	2,520 For filing a request for reexamination
112	920	112	920* Requesting publication of SIR prior to Examiner action
113	1,840	113	1,840*Requesting publication of SIR after Examiner action
115	110	215	55 Extension for reply within first month
116	390	216	195 Extension for reply within second month
117	890	217	445 Extension for reply within third month
118	1,390	218	695 Extension for reply within fourth month
128	1,890	128	945 Extension for reply within fifth month
119	310	219	155 Notice of Appeal
120	310	220	155 Filing a brief in support of an appeal
121	270	221	135 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive - unavoidable
141	1,240	241	620 Petition to revive - unintentional
142	1,240	242	620 Utility Issue fee (or reissue)
143	440	243	220 Design Issue fee
144	600	244	300 Plant Issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	240	126	240 Submission of Information Disclosure Stmt
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	710	246	355 Filing a submission after final rejection (37 CFR 1.129(a))
149	710	249	355 For each additional invention to be examined (37 CFR 1.129(b))
Other (specify)			
Other fee (specify)			
SUBTOTAL (3) (\$)			110

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Typed or Printed Name	A. Sidney Johnston	Reg. Number	29,548
Signature		Date	July 12, 2001

07-13-01

3653  
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The following papers are being deposited with the United States Postal Service  
"Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

<input checked="" type="checkbox"/> Fee Transmittal Letter	<input checked="" type="checkbox"/> Check for \$448.00
<input checked="" type="checkbox"/> Petition One Month of Extended Time	<input checked="" type="checkbox"/> Terminal Disclaimer
<input checked="" type="checkbox"/> Response to Office Action	<input checked="" type="checkbox"/> Amendment Transmittal